

FIGURE 1

OIPE SEP 3 1 2007 Character (s): Thurman J. Rodgers Ro Scor Character Character (s): Thurman J. Rodgers Ro Scor Character (s): Thurman J. Rodgers (s): Thurman J. USEN: 10/085,716 Attorney Docket #: CYPR-PM01010 2/15 IN-LINE FINISH PORTION 302 **T/R** 328 V/C 302 FVI 326 MARK 324 V/C 302 330 SORT V/C 302 322 IN-LINE END-OF-LINE PORTION 300B SAW 320 V/C 302 SBA 318 design from the first first ma PMC 316 PLASMA MOLD 302 314 312 IN-LINE FRONT-OF-LINE PORTION W/B 310 302

PLASMA 308

CURE 306

D/A 304

V/C 302

FIGURE 2

TITLE: A METHOD OF PERFORMING BACK-END MANUFACTURING OF AN INTEGRATED CIRCUIT DEVICE Inventor (s): Thurman J. Rodgers, Bo Soon Chang

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PLASMA 308

PLASMA 312

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D/A 304

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E: A METHOD OF PERFORMING BACK-END MANUFACTURING OF AN INTEGRATED CIRCUIT DEVICE Inventor (s): Thurman J. Rodgers, Bo Soon Chang

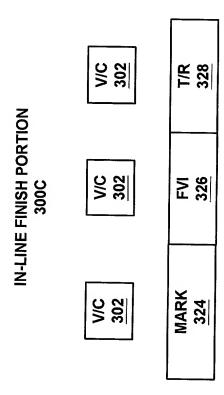
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ORTION		SAW 320
IN-LINE END-OF-LINE PORTION 300B	302	SBA 318
N-LINE		PMC 316
	30Z	MOLD 314

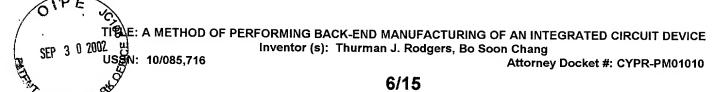
# FIGURE 3B

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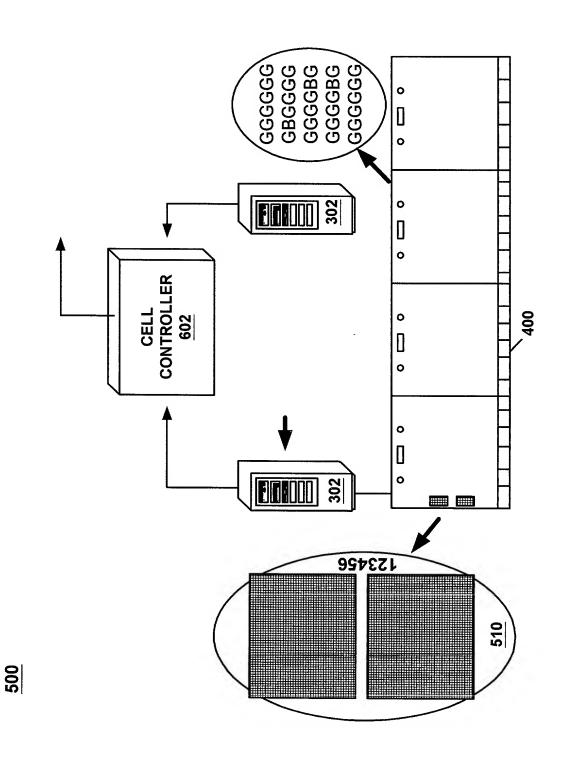


# FIGURE 3C

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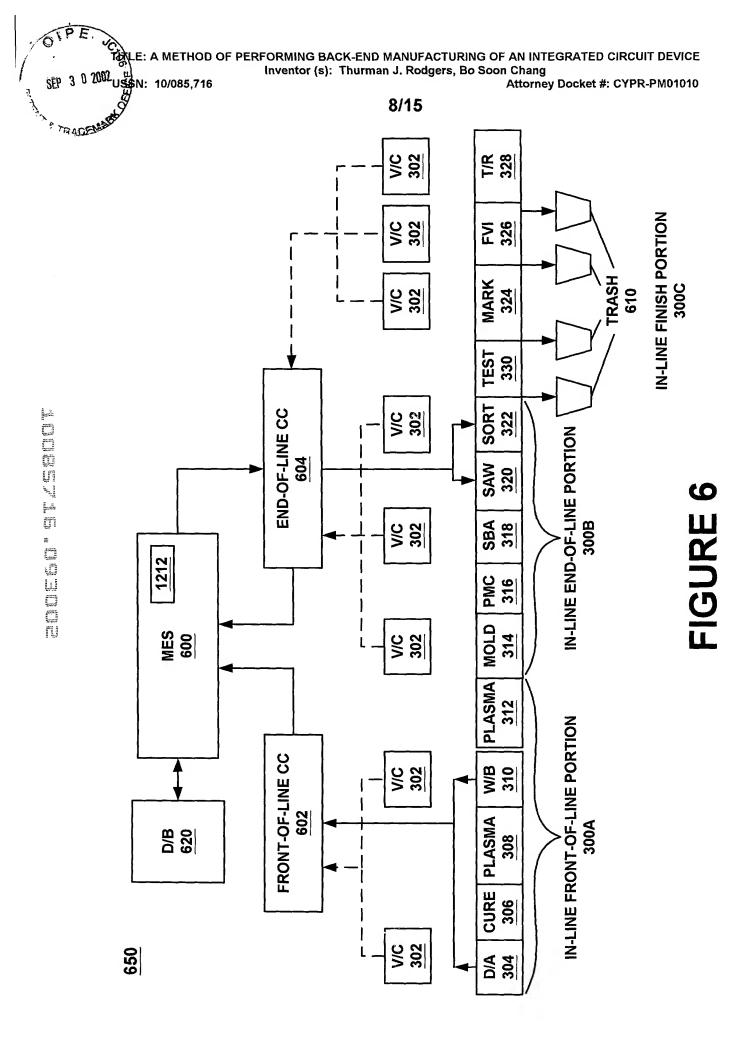


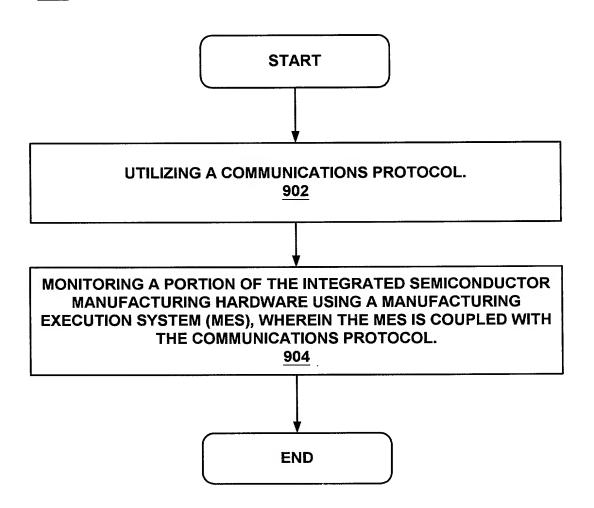
FIGURE 7

E: A METHOD OF PERFORMING BACK-END MANUFACTURING OF AN INTEGRATED CIRCUIT DEVICE. Inventor (s): Thurman J. Rodgers, Bo Soon Chang SEP 3 0 2002 \$\$N: 10/085,716 Attorney Docket #: CYPR-PM01010 10/15 PADEM 800 START PROCESSING A DIE-STRIP THROUGH A FRONT-OF-LINE ASSEMBLY PORTION WHICH COMPRISES A PLURALITY OF SUB-STATIONS OPERATING ON AN IN-LINE BASIS. 802 **AUTOMATICALLY PROVIDING THE DIE-STRIP TO AN END-OF-LINE** ASSEMBLY PORTION. 804 PROCESSING THE DIE-STRIP BY THE END-OF-LINE ASSEMBLY PORTION WHICH COMPRISES A PLURALITY OF SUB-STATIONS OPERATING ON AN IN-LINE BASIS. 806 AUTOMATICALLY PROVIDING THE DIE-STRIP TO A ű U TEST ASSEMBLY PORTION. 808 TESTING THE DIE-STRIP USING THE TEST ASSEMBLY PORTION. 810 **AUTOMATICALLY PROVIDING THE DIE-STRIP TO A FINISH** ASSEMBLY PORTION. 812 PROCESSING THE DIE-STRIP BY THE FINISH ASSEMBLY PORTION WHICH COMPRISES A PLURALITY OF SUB-STATIONS OPERATING ON AN IN-LINE BASIS. 814 END

A METHOD OF PERFORMING BACK-END MANUFACTURING OF AN INTEGRATED CIRCUIT DEVICE TITL SEP 3 0 2002 Inventor (s): Thurman J. Rodgers, Bo Soon Chang Attorney Docket #: CYPR-PM01010 MADEN 10/085,716

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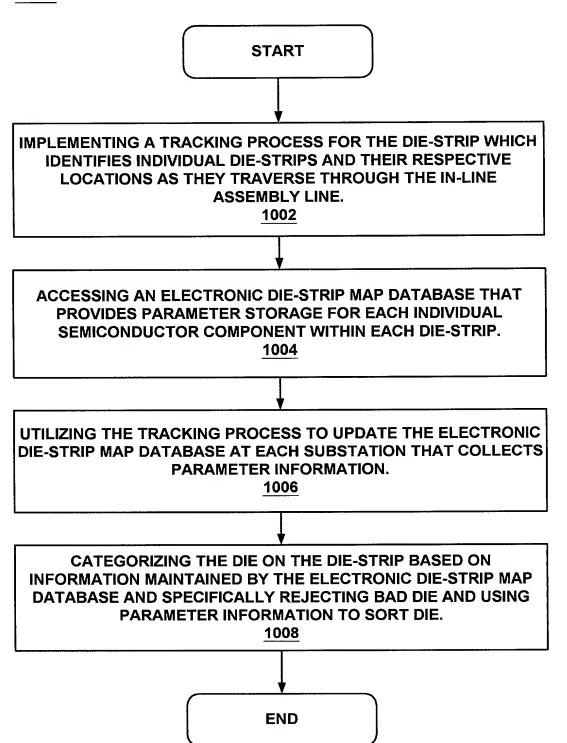


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ACCESSING AN ELECTRONIC DIE-STRIP MAP DATABASE.

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AUTOMATICALLY, CUTTING THE DIE-STRIP BASED ON INFORMATION MAINTAINED BY THE ELECTRONIC DIE-STRIP MAP DATABASE.

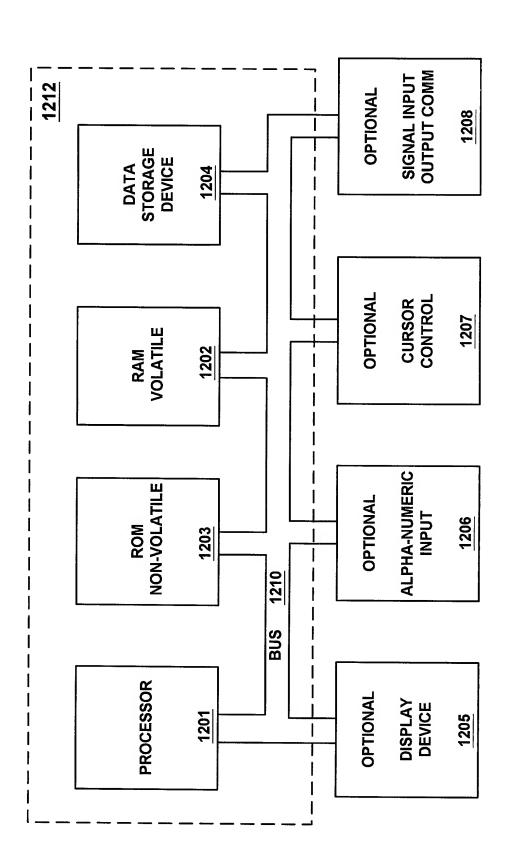
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END

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SEP 3 0 2002 H A METHOD OF PERFORMING BACK-END MANUFACTURING OF AN INTEGRATED CIRCUIT DEVICE Inventor (s): Thurman J. Rodgers, Bo Soon Chang TADEMARK! 10/085,716 Attorney Docket #: CYPR-PM01010

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**FIGURE 12** 

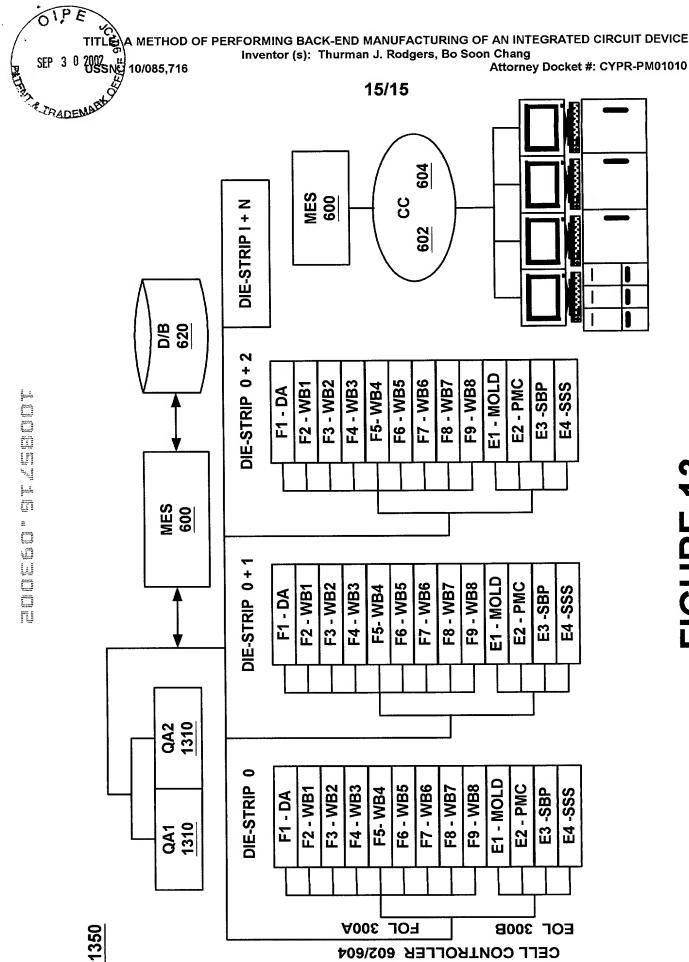


FIGURE 13